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Amendment

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)

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7. (Currently Amended) ~~The method of claim 6, wherein adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to the reference number of fluid drops that should have been ejected to ensure color neutrality comprises~~ A method comprising:
determining a plurality of calibration factors for a fluid-ejection mechanism capable of ejecting a plurality of differently colored fluids by
outputting a plurality of multiple-color fluid targets via fluid ejection by varying a number of fluid drops ejected of each of the plurality of fluid colors of each multiple-color fluid target, each multiple-color fluid target having a different combination of a plurality of fluid colors; and,
determining a most color-neutral target of the plurality of multiple-color fluid targets, such that the energy used to eject fluid for each of the at least one of the plurality of fluid colors is adjusted based on the most color-neutral target;
and
adjusting an energy used to eject fluid for each of at least one of the plurality of fluid colors based on the plurality of calibration factors so that fluid drop ejections of the plurality of fluid colors yield fluid drop masses having a consistent ratio by
determining the number of fluid drops ejected for the fluid color on the most color-neutral target; and
adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to a reference number of fluid drops that should have been ejected to ensure color neutrality by adjusting the energy used to eject the fluid for the fluid color based on a linear relationship between energy and drop mass for the fluid color.

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8. (Currently Amended) ~~The method of claim 6, wherein adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to the reference number of fluid drops that should have been ejected to ensure color neutrality comprises~~ A method comprising:
determining a plurality of calibration factors for a fluid-ejection mechanism capable of ejecting a plurality of differently colored fluids by
outputting a plurality of multiple-color fluid targets via fluid ejection by varying a number of fluid drops ejected of each of the plurality of fluid colors of each multiple-color fluid target, each multiple-color fluid target having a different combination of a plurality of fluid colors; and,
determining a most color-neutral target of the plurality of multiple-color fluid targets, such that the energy used to eject fluid for each of the at least one of the plurality of fluid colors is adjusted based on the most color-neutral target;
and
adjusting an energy used to eject fluid for each of at least one of the plurality of fluid colors based on the plurality of calibration factors so that fluid drop ejections of the plurality of fluid colors yield fluid drop masses having a consistent ratio by
determining the number of fluid drops ejected for the fluid color on the most color-neutral target; and
adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to a reference number of fluid drops that should have been ejected to ensure color neutrality by adjusting the energy used to eject the fluid for the fluid color based on an assumed relationship between energy and drop mass for the fluid color.

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9. (Currently Amended) ~~The method of claim 6, wherein adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to the reference number of fluid drops that should have been ejected to ensure color neutrality comprises~~ A method comprising:
determining a plurality of calibration factors for a fluid-ejection mechanism capable of ejecting a plurality of differently colored fluids by
outputting a plurality of multiple-color fluid targets via fluid ejection by varying a number of fluid drops ejected of each of the plurality of fluid colors of each multiple-color fluid target, each multiple-color fluid target having a different combination of a plurality of fluid colors; and,
determining a most color-neutral target of the plurality of multiple-color fluid targets, such that the energy used to eject fluid for each of the at least one of the plurality of fluid colors is adjusted based on the most color-neutral target;
and
adjusting an energy used to eject fluid for each of at least one of the plurality of fluid colors based on the plurality of calibration factors so that fluid drop ejections of the plurality of fluid colors yield fluid drop masses having a consistent ratio by
determining the number of fluid drops ejected for the fluid color on the most color-neutral target; and
adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to a reference number of fluid drops that should have been ejected to ensure color neutrality by adjusting the energy used to eject the fluid for the fluid color based on a determined relationship between energy and drop mass for the fluid color.

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10. (Original) The method of claim 9, wherein adjusting the energy used to eject the fluid for the fluid color based on the number of fluid drops ejected for the fluid color on the most color-neutral target compared to the reference number of fluid drops that should have been ejected to ensure color neutrality further comprises:
outputting a plurality of fluid drops of the fluid color such that the energy used to eject each of the plurality of fluid drops is different;
determining a drop mass of each of the plurality of fluid drops; and,
determining the relationship between energy and drop mass for the fluid color based on the drop mass of each of the plurality of fluid drops and the energy used to eject each of the plurality of fluid drops.
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)

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20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)